

1 **Method and Application of PICA (Picosecond Imaging Circuit Analysis)**
2 **for High Current Pulsed Phenomena**

3 **ABSTRACT OF THE DISCLOSURE**

4 A method, system and apparatus are provided for operating a Picosecond Imaging
5 Circuit Analysis (PICA) / high current source system include applying pulses from a
6 high current pulse source to a Device Under Test (DUT). A photosensor detects
7 photon emissions from the DUT. Signals from the photosensor are used to map
8 photon emissions from the DUT. Data processing means relate the photon emissions
9 to specific features of the DUT.